

Applicant : Richard A. Derner
Serial No. : 09/846,923
Filed : April 30, 2001
Page : 2 of 15

Attorney's Docket No.: 07844-444001 / P408

Amendments to the Specification:

Please replace the paragraph beginning at page 5, line 3 with the following amended paragraph:

This method of using components to filter information and ~~connecting~~ connect components is useful in developing large component-based applications that change over time. For example, FIG. 1B is a block diagram representation of a component-based application used to process a page description language (PDL). In one implementation, this PDL language can be the PostScript PDL developed by Adobe Systems Incorporated of Santa Clara. The component-based application 100B in FIG. 1B includes a PDL 102B, a graphic machine reducer 104B, a rendering module 106B, a display list 110B that works in parallel with rendering module 106B and provides information to frame buffer 108B, banded separation module ~~110B~~ 112B, and banded non-separation module 114B. ~~Each of these~~ These modules work together closely in ~~[[the]]~~ processing data in PDL 102B into one of many media types ~~116~~ 116B.

Please replace the paragraph beginning at page 5, line 26 with the following amended paragraph:

FIG. 2 is a block diagram representation of a software infrastructure for processing and assembling components for use in a component-based application. The infrastructure and other software in FIG. 2 includes a component-based application 202, an assembly manager 204, a component database ~~206~~ 207, and an assembly data-structure 205 that drives the assembling of components by assembly manager 204.

Applicant : Richard A. Dermer
Serial No. : 09/846,923
Filed : April 30, 2001
Page : 3 of 15

Attorney's Docket No.: 07844-444001 / P408

Please replace the paragraph beginning at page 7, line 7 with the following amended paragraph:

Component database 207 is a repository of components that assembly manager 204 combines together to provide a specified service. The components in the component database 207 are available to component-based application 202 from a local storage area or over a network connection on-demand or cached according to historical usage information. Initially, the components in the component database 207 are the components used in the original release of the application. Additional components are stored in the assembly and component database ~~206~~207 as the original component-based application is enhanced, modified, and altered by OEMs and others. For example, the component database 207 may include multiple rendering modules for performing rendering according to several different specifications to give OEM manufacturers alternative rendering options.